

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

On page 2 of the specification, please replace paragraph [0006] with the following paragraph:

[0006] One proposed solution is the use of computerized tomography (CT) volumetric X-ray imaging in radiation treatment rooms. Examples are CT-on-rail and cone beam CT using gantry mounted imaging using for example an On-Board Imager® available from Varian Medical Systems, Inc. ~~on-board imaging (OBI)~~ or a portal imaging. The boundaries of some soft tissue targets are more visible in CT slices. They can be contoured in the collection of slices that span the target volume thus delineating the target in 3D in much the same way as is done for treatment planning with CT images. To be clinically effective, the in-room CT as an online imaging modality requires both fast volumetric image reconstruction and fast CT contouring capability. Even if fast and reliable 3D contouring becomes available, the in-room CT equipment entails added cost and, in the case of CT-on rail, inhibiting space requirements for some clinics.